

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1817	123/90.17.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/18 16:14
S2	3188	74/572,579R,580.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/18 16:14
S3	1044	92/5L,17,23,24,27,28.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/18 16:14
S4	1	123/90.17.ccls. and 74/572,579R, 580.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/18 16:15
S5	3	123/90.17.ccls. and 92/5L,17,23, 24,27,28.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/18 16:18
S6	6045	123/90.17.ccls. or 74/572,579R, 580.ccls. or 92/5L,17,23,24,27,28. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:47
S7	7	(123/90.17.ccls. or 74/572,579R, 580.ccls. or 92/5L,17,23,24,27,28. ccls.) and (pin or lock\$3 or engage\$4 or receiv\$3 or hole or piston or plunger or bore or rotor or housing) with (surface adj treatment)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:58
S8	12	(123/90.17.ccls. or 74/572,579R, 580.ccls. or 92/5L,17,23,24,27,28. ccls.) and (pin or lock\$3 or engage\$4 or receiv\$3 or hole or piston or plunger or bore or rotor or housing) with oxid\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/18 16:30
S9	0	(123/90.17.ccls. or 74/572,579R, 580.ccls. or 92/5L,17,23,24,27,28. ccls.) and (pin or lock\$3 or engage\$4 or receiv\$3 or hole or piston or plunger or bore or rotor or housing) with oxide-film	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/18 16:31
S10	0	(123/90.17.ccls. or 74/572,579R, 580.ccls. or 92/5L,17,23,24,27,28. ccls.) and (pin or lock\$3 or engage\$4 or receiv\$3 or hole or piston or plunger or bore or rotor or housing) with oxide\$1film	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/18 16:31

S11	4	(123/90.17.ccls. or 74/572,579R, 580.ccls. or 92/5L,17,23,24,27,28. ccls.) and (pin or lock\$3 or engage\$4 or receiv\$3 or hole or piston or plunger or bore or rotor or housing) with quench\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/18 16:42
S12	1	"6523511".URPN.	USPAT	OR	ON	2004/08/18 16:37
S13	6	("5845615" "5943989" "6058897" "6192842" "6263843" "6308669").PN.	USPAT	OR	ON	2004/08/18 16:37
S14	1	(123/90.17.ccls. or 74/572,579R, 580.ccls. or 92/5L,17,23,24,27,28. ccls.) and (pin or lock\$3 or engage\$4 or receiv\$3 or hole or piston or plunger or bore or rotor or housing) with induction adj harden\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/18 16:42
S15	0	jp-12345815-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/18 16:53
S16	0	jp-14054407-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/18 16:53
S17	0	jp-1454407-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/18 16:53
S18	41	Kinugawa-hiroyuki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:45
S19	185	yamauchi-makoto.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:46
S20	10	yamauchi-makoto.in. and "123"/\$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:46
S21	8567	123/90.15-90.18.ccls. or 74/572, 579R,580.ccls. or 92/5L,17,23,24, 27,28.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:52
S22	611	148/545-548.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:48

S23	79	29/888.048	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:48
S24	0	(123/90.15-90.18.ccls. or 74/572, 579R,580.ccls. or 92/5L,17,23,24, 27,28.ccls.) and 148/545-548.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:48
S25	1	(123/90.15-90.18.ccls. or 74/572, 579R,580.ccls. or 92/5L,17,23,24, 27,28.ccls.) and 29/888.048	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:49
S26	0	148/545-548.ccls. and 29/888.048	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:49
S27	6	148/545-548.ccls. and "123"/\$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:49
S28	9789	123/90.15-90.18.ccls. or 74/572, 579R,580.ccls. or 92/5L,17,23,24, 27,28,120-125.ccls. or 464/1,2, 160,161.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:52
S29	0	(123/90.15-90.18.ccls. or 74/572, 579R,580.ccls. or 92/5L,17,23,24, 27,28,120-125.ccls. or 464/1,2, 160,161.ccls.) and 148/545-548. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:52
S30	1	(123/90.15-90.18.ccls. or 74/572, 579R,580.ccls. or 92/5L,17,23,24, 27,28,120-125.ccls. or 464/1,2, 160,161.ccls.) and 29/888.048	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:53
S31	2	(123/90.15-90.18.ccls. or 74/572, 579R,580.ccls. or 92/5L,17,23,24, 27,28,120-125.ccls. or 464/1,2, 160,161.ccls.) and alumite	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:53
S32	1	(123/90.15-90.18.ccls. or 74/572, 579R,580.ccls. or 92/5L,17,23,24, 27,28,120-125.ccls. or 464/1,2, 160,161.ccls.) and (oxide\$1film or (oxide adj film))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:54
S33	11	(123/90.15-90.18.ccls. or 74/572, 579R,580.ccls. or 92/5L,17,23,24, 27,28,120-125.ccls. or 464/1,2, 160,161.ccls.) and oxid\$5 near3 surface	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 15:55

S34	10478	(123/90.15-90.18.ccls. or 74/572, 579R,580.ccls. or 92/5L,17,23,24, 27,28,120-125.ccls. or 464/1,2, 160,161.ccls.) or 148/545-548. ccls. or 29/888.048	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/31 13:43
S35	1	((rotor or stator or wheel or housing or hub or (rotat\$3 adj member)) same ((relative or chang\$3 or adjust\$4) near2 rotat\$3) same ((engag\$5 or clearance or lock\$4 or receiv\$4) near3 (member or hole or piston or plunger or rod or pin or cylinder)) same ((surface near2 treatment) or oxid\$5 or quench\$3 or harden\$3 or induction)) and ((123/90.15-90.18.ccls. or 74/572, 579R,580.ccls. or 92/5L,17,23,24, 27,28,120-125.ccls. or 464/1,2, 160,161.ccls.) or 148/545-548. ccls. or 29/888.048)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 16:05
S36	12	"5724929".URPN.	USPAT	OR	ON	2004/08/22 16:05
S37	2	("4858572" "5107804").PN.	USPAT	OR	ON	2004/08/22 16:07
S38	22	(rotor or stator or wheel or housing or hub or (rotat\$3 adj member)) same ((relative or chang\$3 or adjust\$4) near2 rotat\$3) same ((engag\$5 or clearance or lock\$4 or receiv\$4) near3 (member or hole or piston or plunger or rod or pin or cylinder)) same ((surface near2 treatment) or oxid\$5 or quench\$3 or harden\$3 or induction)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 16:09
S39	8868	(rotor or stator or wheel or housing or hub or (rotat\$3 near2 member)) and ((relative or chang\$3 or adjust\$4) near3 rotat\$3) and ((engag\$5 or clearance or lock\$4 or receiv\$4) near3 (member or hole or piston or plunger or rod or pin or cylinder)) and ((surface near2 treatment) or oxid\$5 or quench\$3 or harden\$3 or induction)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/31 13:41

S40	113	((123/90.15-90.18.ccls. or 74/572, 579R,580.ccls. or 92/5L,17,23,24, 27,28,120-125.ccls. or 464/1,2, 160,161.ccls.) or 148/545-548. ccls. or 29/888.048) and ((rotor or stator or wheel or housing or hub or (rotat\$3 near2 member)) and ((relative or chang\$3 or adjust\$4) near3 rotat\$3) and ((engag\$5 or clearance or lock\$4 or receiv\$4) near3 (member or hole or piston or plunger or rod or pin or cylinder)) and ((surface near2 treatment) or oxid\$5 or quench\$3 or harden\$3 or induction))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 16:11
S41	64	((123/90.15-90.18.ccls. or 74/572,579R,580.ccls. or 92/5L, 17,23,24,27,28,120-125.ccls. or 464/1,2,160,161.ccls.) or 148/545-548.ccls. or 29/888.048) and ((rotor or stator or wheel or housing or hub or (rotat\$3 near2 member)) and ((relative or chang\$3 or adjust\$4) near3 rotat\$3) and ((engag\$5 or clearance or lock\$4 or receiv\$4) near3 (member or hole or piston or plunger or rod or pin or cylinder)) and ((surface near2 treatment) or oxid\$5 or quench\$3 or harden\$3 or induction))) and 123/90.17.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 16:12
S42	30	((123/90.15-90.18.ccls. or 74/572,579R,580.ccls. or 92/5L, 17,23,24,27,28,120-125.ccls. or 464/1,2,160,161.ccls.) or 148/545-548.ccls. or 29/888.048) and ((rotor or stator or wheel or housing or hub or (rotat\$3 near2 member)) and ((relative or chang\$3 or adjust\$4) near3 rotat\$3) and ((engag\$5 or clearance or lock\$4 or receiv\$4) near3 (member or hole or piston or plunger or rod or pin or cylinder)) and ((surface near2 treatment) or oxid\$5 or quench\$3 or harden\$3 or induction))) and (((engag\$5 or clearance or lock\$4 or receiv\$4) near3 (member or hole or piston or plunger or rod or pin or cylinder)) same ((surface near2 treatment) or oxid\$5 or quench\$3 or harden\$3 or induction))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 17:20

S43	1	(US-6394052-\$).did.	USPAT	OR	OFF	2004/08/22 17:18
S44	0	((US-6394052-\$).did.) and clearance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 17:18
S45	1	((US-6394052-\$).did.) and spac\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 17:18
S46	14	(((((123/90.15-90.18.ccls. or 74/572,579R,580.ccls. or 92/5L, 17,23,24,27,28,120-125.ccls. or 464/1,2,160,161.ccls.) or 148/545-548.ccls. or 29/888.048) and ((rotor or stator or wheel or housing or hub or (rotat\$3 near2 member)) and ((relative or chang\$3 or adjust\$4) near3 rotat\$3) and ((engag\$5 or clearance or lock\$4 or receiv\$4) near3 (member or hole or piston or plunger or rod or pin or cylinder)) and ((surface near2 treatment) or oxid\$5 or quench\$3 or harden\$3 or induction))) and (((engag\$5 or clearance or lock\$4 or receiv\$4) near3 (member or hole or piston or plunger or rod or pin or cylinder)) same ((surface near2 treatment) or oxid\$5 or quench\$3 or harden\$3 or induction))) and clearance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/22 17:20
S47	546	(rotor or stator or wheel or housing or hub or (rotat\$3 near2 member)) same ((engag\$5 or clearance or lock\$4 or receiv\$4) near3 (member or hole or piston or plunger or rod or pin or cylinder)) with ((surface near2 treatment) or oxid\$5 or quench\$3 or harden\$3 or induction)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/31 13:42
S48	10697	(123/90.15-90.18.ccls. or 74/572, 579R,580.ccls. or 92/5L,17,23,24, 27,28,120-125.ccls. or 464/1,2, 160,161.ccls.) or 148/545-548. ccls. or 29/888.048	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/31 13:43
S49	7	S47 and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/31 13:44